

erans Affairs, the Administrator of the Environmental Protection Agency, appropriate agencies of the States, and appropriate professional organizations, shall by regulation promulgate minimum standards for the accreditation of educational programs to train individuals to perform radiologic procedures. Such standards shall distinguish between programs for the education of (1) medical radiologic technologists (including radiographers), (2) dental auxiliaries (including dental hygienists and assistants), (3) radiation therapy technologists, (4) nuclear medicine technologists, and (5) such other kinds of health auxiliaries who administer radiologic procedures as the Secretary determines appropriate. Such standards shall not be applicable to educational programs for practitioners.

(b) Within twelve months after August 13, 1981, the Secretary, in consultation with the Radiation Policy Council, the Secretary of Veterans Affairs, the Administrator of the Environmental Protection Agency, interested agencies of the States, and appropriate professional organizations, shall by regulation promulgate minimum standards for the certification of persons who administer radiologic procedures. Such standards shall distinguish between certification of (1) medical radiologic technologists (including radiographers), (2) dental auxiliaries (including dental hygienists and assistants), (3) radiation therapy technologists, (4) nuclear medicine technologists, and (5) such other kinds of health auxiliaries who administer radiologic procedures as the Secretary determines appropriate. Such standards shall include minimum certification criteria for individuals with regard to accredited education, practical experience, successful passage of required examinations, and such other criteria as the Secretary shall deem necessary for the adequate qualification of individuals to administer radiologic procedures. Such standards shall not apply to practitioners.

(As amended Pub. L. 102-54, § 13(q)(13)(A), June 13, 1991, 105 Stat. 281.)

AMENDMENTS

1991—Subsecs. (a), (b). Pub. L. 102-54 substituted "Secretary of Veterans Affairs" for "Administrator of Veterans Affairs".

§ 10007. Federal radiation guidelines

The Secretary shall, in conjunction with the Radiation Policy Council, the Secretary of Veterans Affairs, the Administrator of the Environmental Protection Agency, appropriate agencies of the States, and appropriate professional organizations, promulgate Federal radiation guidelines with respect to radiologic procedures. Such guidelines shall—

[See main edition for text of (1) to (5)]

(As amended Pub. L. 102-54, § 13(q)(13)(B), June 13, 1991, 105 Stat. 281.)

AMENDMENTS

1991—Pub. L. 102-54 substituted "Secretary of Veterans Affairs" for "Administrator of Veterans Affairs" in introductory provisions.

§ 10008. Applicability to Federal agencies

[See main edition for text of (a)]

(b) The Secretary of Veterans Affairs, through the Under Secretary for Health of the Department of Veterans Affairs, shall, to the maximum extent feasible consistent with the responsibilities of such Secretary and Under Secretary for Health under title 38, prescribe regulations making the standards promulgated pursuant to this chapter applicable to the provision of radiologic procedures in facilities over which that Secretary has jurisdiction. In prescribing and implementing regulations pursuant to this subsection, the Secretary of Veterans Affairs shall consult with the Secretary in order to achieve the maximum possible coordination of the regulations, standards, and guidelines, and the implementation thereof, which the Secretary and the Secretary of Veterans Affairs prescribe under this chapter.

(As amended Pub. L. 102-54, § 13(q)(13)(C), June 13, 1991, 105 Stat. 282; Pub. L. 102-405, title III, § 302(e)(1), Oct. 9, 1992, 106 Stat. 1985.)

AMENDMENTS

1992—Subsec. (b). Pub. L. 102-405 substituted "Under Secretary for Health" for "Chief Medical Director" in two places.

1991—Subsec. (b). Pub. L. 102-54 substituted "The Secretary of Veterans Affairs, through the Chief Medical Director of the Department of Veterans Affairs, shall, to the maximum extent feasible consistent with the responsibilities of such Secretary and Chief Medical Director under title 38" for "(1) The Administrator of Veterans Affairs, through the Chief Medical Director of the Veterans Administration, shall, to the maximum extent feasible consistent with the responsibilities of such Administrator and Chief Medical Director under subtitle 38", "over which that Secretary" for "over which the Administrator", and "Secretary of Veterans Affairs" for "Administrator" wherever else appearing, and struck out pars. (2) and (3) which read as follows:

"(2) Not later than 180 days after standards are promulgated by the Secretary pursuant to this chapter, the Administrator of Veterans Affairs shall submit to the appropriate committees of Congress a full report with respect to the regulations (including guidelines, policies, and procedures thereunder) prescribed pursuant to paragraph (1) of this subsection. Such report shall include—

"(A) an explanation of any inconsistency between standards made applicable by such regulations and the standards promulgated by the Secretary pursuant to this chapter;

"(B) an account of the extent, substance, and results of consultations with the Secretary respecting the prescription and implementation of regulations by the Administrator; and

"(C) such recommendations for legislation and administrative action as the Administrator determines are necessary and desirable.

"(3) The Administrator of Veterans Affairs shall publish the report required by paragraph (2) in the Federal Register."

CHAPTER 108—NUCLEAR WASTE POLICY

§ 10101. Definitions

NUCLEAR WASTE MANAGEMENT PLAN; REPORT

Pub. L. 102-486, title VIII, § 803, Oct. 24, 1992, 106 Stat. 2923, provided that:

"(a) PREPARATION AND SUBMISSION OF REPORT.—The Secretary of Energy, in consultation with the Nuclear Regulatory Commission and the Environmental Protection Agency, shall prepare and submit to the Congress a report on whether current programs and plans for management of nuclear waste as mandated by the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10101 et seq.) are adequate for management of any additional volumes or categories of nuclear waste that might be generated by any new nuclear power plants that might be constructed and licensed after the date of the enactment of this Act [Oct. 24, 1992]. The Secretary shall prepare the report for submission to the President and the Congress within 1 year after the date of the enactment of this Act. The report shall examine any new relevant issues related to management of spent nuclear fuel and high-level radioactive waste that might be raised by the addition of new nuclear-generated electric capacity, including anticipated increased volumes of spent nuclear fuel or high-level radioactive waste, any need for additional interim storage capacity prior to final disposal, transportation of additional volumes of waste, and any need for additional repositories for deep geologic disposal.

"(b) OPPORTUNITY FOR PUBLIC COMMENT.—In preparation of the report required under subsection (a), the Secretary of Energy shall offer members of the public an opportunity to provide information and comment and shall solicit the views of the Nuclear Regulatory Commission, the Environmental Protection Agency, and other interested parties.

"(c) AUTHORIZATION OF APPROPRIATIONS.—There are authorized to be appropriated such sums as may be necessary to carry out this section."

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in section 2014 of this title; title 49 App. section 1813.

§ 10104. Ocean disposal

REFERENCES IN TEXT

The Marine Protection, Research, and Sanctuaries Act of 1972, referred to in text, is Pub. L. 92-532, Oct. 23, 1972, 86 Stat. 1052, as amended, which enacted chapters 32 (§ 1431 et seq.) and 32A (§ 1447 et seq.) of Title 16, Conservation, and chapters 27 (§ 1401 et seq.) and 41 (§ 2801 et seq.) of Title 33, Navigation and Navigable Waters. For complete classification of this Act to the Code, see Short Title note set out under section 1401 of Title 33 and Tables.

SUBCHAPTER I—DISPOSAL AND STORAGE OF HIGH-LEVEL RADIOACTIVE WASTE, SPENT NUCLEAR FUEL, AND LOW-LEVEL RADIOACTIVE WASTE

PART A—REPOSITORIES FOR DISPOSAL OF HIGH-LEVEL RADIOACTIVE WASTE AND SPENT NUCLEAR FUEL

§ 10132. Recommendation of candidate sites for site characterization

(a) Guidelines

Not later than 180 days after January 7, 1983, the Secretary, following consultation with the Council on Environmental Quality, the Administrator of the Environmental Protection Agency, the Director of the United States Geo-

logical Survey, and interested Governors, and the concurrence of the Commission shall issue general guidelines for the recommendation of sites for repositories. Such guidelines shall specify detailed geologic considerations that shall be primary criteria for the selection of sites in various geologic media. Such guidelines shall specify factors that qualify or disqualify any site from development as a repository, including factors pertaining to the location of valuable natural resources, hydrology, geophysics, seismic activity, and atomic energy defense activities, proximity to water supplies, proximity to populations, the effect upon the rights of users of water, and proximity to components of the National Park System, the National Wildlife Refuge System, the National Wild and Scenic Rivers System, the National Wilderness Preservation System, or National Forest Lands. Such guidelines shall take into consideration the proximity to sites where high-level radioactive waste and spent nuclear fuel is generated or temporarily stored and the transportation and safety factors involved in moving such waste to a repository. Such guidelines shall specify population factors that will disqualify any site from development as a repository if any surface facility of such repository would be located (1) in a highly populated area; or (2) adjacent to an area 1 mile by 1 mile having a population of not less than 1,000 individuals. Such guidelines also shall require the Secretary to consider the cost and impact of transporting to the repository site the solidified high-level radioactive waste and spent fuel to be disposed of in the repository and the advantages of regional distribution in the siting of repositories. Such guidelines shall require the Secretary to consider the various geologic media in which sites for repositories may be located and, to the extent practicable, to recommend sites in different geologic media. The Secretary shall use guidelines established under this subsection in considering candidate sites for recommendation under subsection (b) of this section. The Secretary may revise such guidelines from time to time, consistent with the provisions of this subsection.

[See main edition for text of (b) to (d)]

(As amended Pub. L. 102-154, title I, Nov. 13, 1991, 105 Stat. 1000.)

CHANGE OF NAME

"United States Geological Survey" substituted for "Geological Survey" in subsec. (a) pursuant to provision of title I of Pub. L. 102-154, set out as a note under section 31 of Title 43, Public Lands.

§ 10141. Certain standards and criteria

NUCLEAR WASTE STORAGE AND DISPOSAL AT YUCCA MOUNTAIN SITE

Pub. L. 102-486, title VIII, § 801, Oct. 24, 1992, 106 Stat. 2921, provided that:

"(a) ENVIRONMENTAL PROTECTION AGENCY STANDARDS.—

"(1) PROMULGATION.—Notwithstanding the provisions of section 121(a) of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10141(a)), section 161 b. of the Atomic Energy Act of 1954 (42 U.S.C. 2201(b)), and any other authority of the Administrator of the En-

Environmental Protection Agency to set generally applicable standards for the Yucca Mountain site, the Administrator shall, based upon and consistent with the findings and recommendations of the National Academy of Sciences, promulgate, by rule, public health and safety standards for protection of the public from releases from radioactive materials stored or disposed of in the repository at the Yucca Mountain site. Such standards shall prescribe the maximum annual effective dose equivalent to individual members of the public from releases to the accessible environment from radioactive materials stored or disposed of in the repository. The standards shall be promulgated not later than 1 year after the Administrator receives the findings and recommendations of the National Academy of Sciences under paragraph (2) and shall be the only such standards applicable to the Yucca Mountain site.

"(2) **STUDY BY NATIONAL ACADEMY OF SCIENCES.**—Within 90 days after the date of the enactment of this Act [Oct. 24, 1992], the Administrator shall contract with the National Academy of Sciences to conduct a study to provide, by not later than December 31, 1993, findings and recommendations on reasonable standards for protection of the public health and safety, including—

"(A) whether a health-based standard based upon doses to individual members of the public from releases to the accessible environment (as that term is defined in the regulations contained in subpart B of part 191 of title 40, Code of Federal Regulations, as in effect on November 18, 1985) will provide a reasonable standard for protection of the health and safety of the general public;

"(B) whether it is reasonable to assume that a system for post-closure oversight of the repository can be developed, based upon active institutional controls, that will prevent an unreasonable risk of breaching the repository's engineered or geologic barriers or increasing the exposure of individual members of the public to radiation beyond allowable limits; and

"(C) whether it is possible to make scientifically supportable predictions of the probability that the repository's engineered or geologic barriers will be breached as a result of human intrusion over a period of 10,000 years.

"(3) **APPLICABILITY.**—The provisions of this section shall apply to the Yucca Mountain site, rather than any other authority of the Administrator to set generally applicable standards for radiation protection.

"(b) **NUCLEAR REGULATORY COMMISSION REQUIREMENTS AND CRITERIA.**—

"(1) **MODIFICATIONS.**—Not later than 1 year after the Administrator promulgates standards under subsection (a), the Nuclear Regulatory Commission shall, by rule, modify its technical requirements and criteria under section 121(b) of the Nuclear Waste Policy Act of 1982 (42 U.S.C. 10141(b)), as necessary, to be consistent with the Administrator's standards promulgated under subsection (a).

"(2) **REQUIRED ASSUMPTIONS.**—The Commission's requirements and criteria shall assume, to the extent consistent with the findings and recommendations of the National Academy of Sciences, that, following repository closure, the inclusion of engineered barriers and the Secretary's post-closure oversight of the Yucca Mountain site, in accordance with subsection (c), shall be sufficient to—

"(A) prevent any activity at the site that poses an unreasonable risk of breaching the repository's engineered or geologic barriers; and

"(B) prevent any increase in the exposure of individual members of the public to radiation beyond allowable limits.

"(c) **POST-CLOSURE OVERSIGHT.**—Following repository closure, the Secretary of Energy shall continue to oversee the Yucca Mountain site to prevent any activity at the site that poses an unreasonable risk of—

"(1) breaching the repository's engineered or geologic barriers; or

"(2) increasing the exposure of individual members of the public to radiation beyond allowable limits."

PART C—MONITORED RETRIEVABLE STORAGE

§ 10163. Monitored Retrievable Storage Commission

REFERENCES IN OTHER LAWS TO GS-16, 17, OR 18 PAY RATES

References in laws to the rates of pay for GS-16, 17, or 18, or to maximum rates of pay under the General Schedule, to be considered references to rates payable under specified sections of Title 5, Government Organization and Employees, see section 529 [title I, § 101(c)(1)] of Pub. L. 101-509, set out in a note under section 5376 of Title 5.

SUBCHAPTER II—RESEARCH, DEVELOPMENT, AND DEMONSTRATION REGARDING DISPOSAL OF HIGH-LEVEL RADIOACTIVE WASTE AND SPENT NUCLEAR FUEL

§ 10193. Identification of sites

(a) Guidelines

Not later than 6 months after January 7, 1983, and notwithstanding the failure of other agencies to promulgate standards pursuant to applicable law, the Secretary, in consultation with the Commission, the Director of the United States Geological Survey, the Administrator, the Council on Environmental Quality, and such other Federal agencies as the Secretary considers appropriate, is authorized to issue, pursuant to section 553 of title 5, general guidelines for the selection of a site for a test and evaluation facility. Under such guidelines the Secretary shall specify factors that qualify or disqualify a site for development as a test and evaluation facility, including factors pertaining to the location of valuable natural resources, hydrogeophysics, seismic activity, and atomic energy defense activities, proximity to water supplies, proximity to populations, the effect upon the rights of users of water, and proximity to components of the National Park System, the National Wildlife Refuge System, the National Wild and Scenic Rivers System, the National Wilderness Preservation System, or National Forest Lands. Such guidelines shall require the Secretary to consider the various geologic media in which the site for a test and evaluation facility may be located and, to the extent practicable, to identify sites in different geologic media. The Secretary shall use guidelines established under this subsection in considering and selecting sites under this subchapter.

[See main edition for text of (b)]

(As amended Pub. L. 102-154, title I, Nov. 13, 1991, 105 Stat. 1000.)

CHANGE OF NAME

"United States Geological Survey" substituted for "Geological Survey" in subsec. (a) pursuant to provision of title I of Pub. L. 102-154, set out as a note under section 31 of Title 43, Public Lands.

SUBCHAPTER III—OTHER PROVISIONS RELATING TO RADIOACTIVE WASTE

§ 10222. Nuclear Waste Fund

SECTION REFERRED TO IN OTHER SECTIONS

This section is referred to in sections 2210, 2214, 10101, 10107, 10138, 10161, 10193, 10194, 10251, 10269 of this title.

SUBCHAPTER IV—NUCLEAR WASTE NEGOTIATOR

§ 10211. "State" defined

For purposes of this subchapter, the term "State" means each of the several States and the District of Columbia.

(As amended Pub. L. 102-486, title VIII, § 802(b), Oct. 24, 1992, 106 Stat. 2923.)

AMENDMENTS

1992—Pub. L. 102-486 substituted "several States and the District of Columbia." for "several States, the District of Columbia, the Commonwealth of Puerto Rico, the Virgin Islands, Guam, American Samoa, the Northern Mariana Islands, the Trust Territory of the Pacific Islands, any other territory or possession of the United States, and the Republic of the Marshall Islands."

§ 10248. Administrative powers of Negotiator

REFERENCES IN OTHER LAWS TO GS-16, 17, OR 18 PAY RATES

References in laws to the rates of pay for GS-16, 17, or 18, or to maximum rates of pay under the General Schedule, to be considered references to rates payable under specified sections of Title 5, Government Organization and Employees, see section 529 [title I, § 101(c)(1)] of Pub. L. 101-509, set out in a note under section 5376 of Title 5.

§ 10250. Termination of Office

The Office shall cease to exist not later than 30 days after the date 7 years after December 22, 1987.

(As amended Pub. L. 102-486, title VIII, § 802(a), Oct. 24, 1992, 106 Stat. 2923.)

AMENDMENTS

1992—Pub. L. 102-486 substituted "7 years" for "5 years".

SUBCHAPTER V—NUCLEAR WASTE TECHNICAL REVIEW BOARD

§ 10266. Staff

REFERENCES IN OTHER LAWS TO GS-16, 17, OR 18 PAY RATES

References in laws to the rates of pay for GS-16, 17, or 18, or to maximum rates of pay under the General Schedule, to be considered references to rates payable under specified sections of Title 5, Government Organization and Employees, see section 529 [title I, § 101(c)(1)] of Pub. L. 101-509, set out in a note under section 5376 of Title 5.

§ 10267. Support services

REFERENCES IN OTHER LAWS TO GS-16, 17, OR 18 PAY RATES

References in laws to the rates of pay for GS-16, 17, or 18, or to maximum rates of pay under the General

Schedule, to be considered references to rates payable under specified sections of Title 5, Government Organization and Employees, see section 529 [title I, § 101(c)(1)] of Pub. L. 101-509, set out in a note under section 5376 of Title 5.

CHAPTER 109—WATER RESOURCES RESEARCH

§ 10301. Congressional findings and declarations

OGALLALA AQUIFER

Pub. L. 99-662, title XI, § 1121, Nov. 17, 1986, 100 Stat. 4239, provided that:

[See main edition for text of (a) and (b)]

"(c) The Water Resources Research Act [of 1984] (Public Law 98-242) [see Short Title note above] is amended by adding at the end thereof the following new title:

"TITLE III—OGALLALA AQUIFER RESEARCH AND DEVELOPMENT"

[See main edition for text of Secs. 301 to 308]

"Sec. 309. (a) For each of the fiscal years ending September 30, 1987, through September 30, 1995, the following sums are authorized to be appropriated to the Secretary to implement the following sections of this title, and such sums shall remain available until expended:

"(1) \$600,000 for the purposes of section 302;

"(2) \$4,300,000 for the purposes of section 303;

"(3) \$2,200,000 for the purposes of section 304;

"(4) \$5,300,000 for the purposes of section 305; and

"(5) \$600,000 for the purposes of section 306.

"(b) Funds made available under this title for distribution to the States of the High Plains region shall be distributed equally among the States." (As amended Pub. L. 101-397, § 1(c), Sept. 28, 1990, 104 Stat. 854.)

§ 10302. Congressional declaration of purpose

It is the purpose of this chapter to assist the Nation and the States in augmenting their water resources science and technology as a way to—

[See main edition for text of (1) to (4)]

(5) to "promote more effective coordination of the Nation's water resources research program; and

[See main edition for text of (6)]

(As amended Pub. L. 101-397, § 1(a), Sept. 28, 1990, 104 Stat. 852.)

AMENDMENTS

1990—Par. (5), Pub. L. 101-397 substituted "to promote more effective coordination of" for "coordinate more effectively".

§ 10303. Water resources research and technology institutes

(a) Establishment; designation of site by State legislature or Governor

Subject to the approval of the Secretary of the Interior (hereafter in this chapter referred to as the "Secretary") under this section, one water resources research and technology institute, center, or equivalent agency (hereafter in this chapter referred to as the "institute") may

¹ So in original. The word "to" probably should not appear.